



SEQUENCE LISTING

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<120> Functional Mutations in Respiratory Syncytial Virus

<130> 7682-132-999

<140> US 10/672,302

<141> 2003-09-26

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<170> PatentIn version 3.1

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<213> Human respiratory syncytial virus strain A2

<400> 53
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<210> 57
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<210> 61
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<210> 63
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<210> 64
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<210> 67
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<210> 77
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<210> 78
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<210> 80
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 <212> PRT

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<213> Human respiratory syncytial virus strain A2

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Ile Gly Leu Arg Glu Glu
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<210> 81
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171-176

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Val Gly Ile Lys Asp Asp
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<210> 82
<211> 6
<212> PRT
<213> artificial

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<210> 83
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<212> PRT
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20 25 30
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35 40 45
Glu Val Thr Lys Glu Ser Pro Ile Thr Ser Asn Ser Thr Ile Ile Asn
50 55 60
Pro Thr Asn Glu Thr Asp Asp Thr Ala Gly Asn Lys Pro Asn Tyr Gln
65 70 75 80
Arg Lys Pro Leu Val Ser Phe Lys Glu Asp Pro Thr Pro Ser Asp Asn
85 90 95
Pro Phe Ser Lys Leu Tyr Lys Glu Thr Ile Glu Thr Phe Asp Asn Asn
100 105 110
Glu Glu Glu Ser Ser Tyr Ser Tyr Glu Glu Ile Asn Asp Gln Thr Asn
115 120 125
Asp Asn Ile Thr Ala Arg Leu Asp Arg Ile Asp Glu Lys Leu Ser Glu
130 135 140
Ile Leu Gly Met Leu His Thr Leu Val Val Ala Ser Ala Gly Pro Thr
145 150 155 160

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Ser Ala Arg Asp Gly Ile Arg Asp Ala Met Ile Gly Leu Arg Glu Glu
165 170 175
Met Ile Glu Lys Ile Arg Thr Glu Ala Leu Met Thr Asn Asp Arg Leu
180 185 190
Glu Ala Met Ala Arg Leu Arg Asn Glu Glu Ser Glu Lys Met Ala Lys
195 200 205
Asp Thr Ser Asp Glu Val Ser Leu Asn Pro Thr Ser Glu Lys Leu Asn
210 215 220
Asn Leu Leu Glu Gly Asn Asp Ser Asp Asn Asp Leu Ser Leu Glu Asp
225 230 235 240
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<210> 84
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<213> Human respiratory syncytial virus strain A2

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20 25 30
Gln Lys Asn Thr Leu Cys Leu Asn Gln Asn Asn Pro Asn Asn His Met
35 40 45
Tyr Ser Pro Asn Gln Thr Phe Asn Glu Ile His Trp Thr Ser Gln Glu
50 55 60
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Asp Ile Tyr Thr Ile Tyr Ile Leu Val Ser
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